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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENT | OR | ATTOR | NEY DOCKET NO. |
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| 09/160,454 | 09/24/98 | BAWENDI | ļv | 1 | |
| - | | HM22/1129 | | EXAMINER | |
| MARY ROSE | SCOZZAFAVA | Pittalia alia 2 di di din a2 | FI | HAM , M | |
| CHOATE HALL | & STEWART | | AF | RT UNIT | PAPER NUMBER |
| EXCHANGE PL 53 STATE ST | | | | 541 | 6 |
| BOSTON MA 0 | 2109 | | DATE | MAILED: | /29/99 |

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

| A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.135 (a). In no event, however, may a reply be timely filed after SIX (5) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. If NO period for reply is specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. If NO period for reply is specified above, the maximum statutory period will apply and will aspire SIX (6) MONTHS from the mailing date of communication. Failurs to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 13 Status 1) Responsive to communication(s) filed on 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-48 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are allowed. 7) Claim(s) is/are objected to. 8) Claim(s) is/are subject to restriction and/or election requirement. Application Papers 9) The proposed drawing correction filed on is/are objected to by the Examiner. 10) The proposed drawing correction filed on is/are objected to by the Examiner. Priority under 35 U.S.C. § 119 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d). 3) Received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the cer | | Application No. | Applicant(s) | |
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| Examiner Art Unit 1641 | | 09/160,454 BAWENDI ET | | |
| Period for Reply A SHORTENEO STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ½ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extonsions of time may be available under the provisions of 37 CFR 1.36 (a). In no event, however, may a reply be timely filled after St. (b) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will if the period for reply specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date or communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 13). Status 1) Responsive to communication(s) filled on Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 13). Status 1) Responsive to communication(s) filled on Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 13). Status 1) Responsive to communication(s) filled on Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 13). Status 1) Responsive to communication(s) filled on Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 113). Claim(s) Size this application is in condition for allowance except for formal matters, prosecution as to the merits closed in accordance with the practice under Expanded Pailure. Claim(s) Fisher the above claim(s) Is a failure to expended the priod for reply will be statute. Claim(s) Fisher the above claim(s) Is a failure to expended the priod for failure the priod for failure the priod failure the priod failure the priod failure the priod | Oπice Action Summary | Examiner | Art Unit | |
| Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ½ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CPR 1.136 (a). In no event, however, may a reply be timely filled after 58 (c) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thiny (30) days, a reply within the statutory minimum of thinty (30) days will be considered timely. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date or communication. Status 1) Responsive to communication(s) filled on | | Minh-Quan K. Pham | 1641 | |
| THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filled after SIX (b) MONTHS from the mailing date of this communication. If the period for epily specified above is less than thiny (30) days, a reply within the statutory minimum of thirty (30) days will the period for epily specified above, the maximum statutory period will apply and will expire SIX (b) MONTHS from the mailing date of communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 13: 13). This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-48 is/are pending in the application. 4a) Of the above claim(s) is/are allowed. 5) Claim(s) is/are allowed. 6) Claim(s) is/are allowed. 8) Claim(s) is/are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 11) The proposed drawing correction filed on is/are objected to by the Examiner. 12) The oath or declaration is objected to by the Examiner. 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. \$ 119(a)-(d). a) All b) Some *c None of the CERTIFIED copies of the priority documents have been: received in Application No. (Series Code / Serial Number) 3. received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e). | | appears on the cover sheet v | vith the correspondence address | |
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| | Attachment(s) | | | |
| 16) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 19) Other: . | 15) Notice of Draftsperson's Patent Drawing Review (PTO-94 | 48) 18) Notice | of Informal Patent Application (PTO-152) | |

Application/Control Number: 09/160,454

Art Unit: 1641

DETAILED ACTION

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-45, drawn to a composition, classified in class 530, subclass 387.1.
- II. Claims 46-47, drawn to a method of detection, classified in class 436, subclass501.
- III. Claim 48, drawn to an apparatus, classified in class 435, subclass 4.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as product and process of use. The inventions can be shown to be distinct if either or both of the following can be shown: (1) the process for using the product as claimed can be practiced with another materially different product or (2) the product as claimed can be used in a materially different process of using that product (MPEP § 806.05(h)). In the instant case, the product as claimed can be used in a materially different process, namely the production of invisible ink, wherein the ink can be visible through illumination with an excitation light source.

Inventions I and III are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP § 806.04, MPEP § 808.01). In the instant case the different inventions have different mode of operation, different functions, and different effects.

Application/Control Number: 09/160,454

Art Unit: 1641

Inventions III and II are related as product and process of use. The inventions can be shown to be distinct if either or both of the following can be shown: (1) the process for using the product as claimed can be practiced with another materially different product or (2) the product as claimed can be used in a materially different process of using that product (MPEP § 806.05(h)). In the instant case the product as claimed can be practice with a materially different process, namely reading the invisible ink discussed above.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II and III, restriction for examination purposes as indicated is proper.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

A telephone call was made to Elizabeth E. Nugent on November 18, 1999, to request an oral election to the above restriction requirement, but did not result in an election being made.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Application/Control Number: 09/160,454

Art Unit: 1641

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh-Quan K. Pham whose telephone number is (703) 305-1444. The examiner can normally be reached on Monday to Friday, 8 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Housel can be reached on (703) 308-4027. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-4242 for regular communications and (703) 308-4242 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0196.

Minh-Quan K. Pham, Ph.D. November 18, 1999

CHRISTOPHER L. CHIN PRIMARY EXAMINER GROUP 1800 /64/

Christyle L. Chi